

ΔE_N is the color difference after a stainproof test of untreated carpet;

ΔE_N is the color difference after a stainproof test of carpet treated by the stainproof agent; and

n is the number of cleanings conducted according to AATCC-138 and $n \leq 20$;

wherein the carpet is treated with a stainproofing agent composition for carpet consisting essentially of:

- 91
DT
Cont.
- (1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound; and
 - (2) a triazine ring-containing crosslinking agent; and
 - (3) at least one of a catalyst and an additive,

wherein the catalyst is selected from the group consisting of organic carboxylic acids; organic carboxylates between the organic carboxylic acids and ammonium, sodium, or potassium; inorganic acids; inorganic acid salts between the inorganic acids and ammonium, sodium, potassium, magnesium, zinc, aluminum, or iron; and

wherein the additive is selected from the group consisting of insect repellents, flame retardants, antistatic agents, dye fixing agents, wrinkle inhibitors, softeners and stain block agents which inhibit adhesion of acid dye.

10 10. (Twice Amended) A carpet treated with a stainproofing agent composition, consisting essentially of:

- 12*
- (1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound and
 - (2) a triazine ring-containing crosslinking agent.

Please add the following new claim.

14. (New) The carpet treated with the stainproofing agent composition, which consists essentially of

- D3*
- (1) a fluorine-containing stainproofing agent consisting essentially of a fluoroalkyl-containing compound and
 - (2) a triazine ring-containing crosslinking agent, and at least one of PEG and a copolymer consisting essentially of:
 - (3) at least one monomer selected from the group consisting of acrylate having a polyoxyethylene chain and methacrylate having a polyoxyethylene chain; and
 - (4) at least one reactive monomer selected from the group consisting of glycerol methacrylate and glycidyl methacrylate.